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Notes:

1. Untranslatable words are replaced with asterisks (****).
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CLAIM + DETAILED DESCRIPTION

[Claim(s)]

[Claim 1]Apply an adhesion base to base material both sides in the status that only fixed length elongated a base material, and nothing and the base material concerned to a lengthwise direction, and a sheet shaped raw material which has elasticity was elongated, and form an adhesive layer in them, and. An elastic tape for health benefits of structure constituted after having performed non-adhesion treatment to the surface of an adhesive layer of one side, forming a non-adhesion treatment side, giving a separator to both treated surfaces concerned and adhesive layer sides of another side and the whole tape's having elongated only fixed length.

[Claim 2]An elastic tape for health benefits which makes it come in said elastic tape for health benefits according to claim 1 to contain dermatologic preparation, such as an anti-inflammatory agent, or a moisturizer in an adhesion base by the side of a skin application-with-gauze side.

[Claim 3]Said elastic tape for health benefits according to claim 1 in which an adhesion base consists of a hap agent or a non-aqueous pressure-sensitive adhesion base of water content which made a water soluble polymer a main material.

[Detailed Description of the Invention]

[0001]

[Industrial Application]This invention relates to the elastic tape for health benefits.

[0002]

[Description of the Prior Art]Conventionally, as shown in drawing 1, this seed tape applies the adhesion base which made base materials (1), such as a nonwoven fabric, contain a disinfectant etc. according to an adhesion base or a use, and forms an adhesive layer (2), Subsequently, as shown in the thing which has the structure which piled up the separator (3),

and drawing 2, an adhesive layer (2) is formed in base materials (1), such as a nonwoven fabric, and the tape of structure etc. on which the absorbent gauze (6) of the proper size which subsequently made a disinfectant and other medicine apply or contain was put are provided. As shown in drawing 3, an adhesive layer (2) is formed in base material (1) both sides, and the double-sided adhesive tape which gave the separator (3) to the adhesive layer (2) of one side also exists.

[0003]

[Problem to be solved by the invention]When using it, for example for the wound of a skin side, the conventional medical use auxiliary tape applies medicine to a wound, and places absorbent gauze on it, It was that purpose that the tape in which it was used in order to stop this absorbent gauze on a tape, or medicinal absorbent gauze was constituted together with the adhesion base also fixes medicinal absorbent gauze to a wound side in short, and it was an effect. since an appropriate thing [that it is alike, expand and contract by motion since it is what is called a skin side, and a skin side is extended depending on the affected part] bars treatment, [a wound side] Since it curves only by barring movement free by only fixing and the hypofunction is caused, the result it is better for treatment or prevention to control muscular elasticity moderately may be caused. Then, only certain fixed length elongates from the beginning the tape of the material itself which has elasticity, and this invention tends to assist an expansion-and-contraction operation of extensor using the shrunken operation, and tends to raise the healing capacity of the affected part. The example of 1-2 is shown and explained.

[0004]For example, although it is tenovaginitis, a tendon is the strong fiber structure which has adhered to the bone as muscles, and is also commonly called "****." This tendon must also move smoothly with a joint for a joint to move smoothly. In order to make a motion of a tendon smooth, the tendon is wrapped in a sheath like a straw in that outside, and this organization is called "tendon sheath." And it is "tenovaginitis" that inflammation occurs here. Although the tendon sheath exists in the place with joints, such as a hand, a shoulder, an ankle, since it is large in especially a hand, tenovaginitis also occurs overwhelmingly in many cases. Not only expansion and contraction but introvert and abduction can do especially the joint of the thumb, and the structure is complicated. Therefore, tenovaginitis happens easily to both the "extensor tendon sheath" in the backside of a wrist, and the "flexor tendon sheath" which exists inside the root. Many one as a condition of tenovaginitis is painful when the inside of the root of ** finger becomes swollen and pushes.

** Be [no longer being bent, lengthening / which stops painful ** cartridge manifestation elephant and extending ** bending /, when power was put in and bent, etc. and]. The cause of tenovaginitis has the most in mechanical stress, such as past [of a joint / usage]. As a result, inflammation arises in a tendon or a tendon sheath, the capacity in a tendon sheath becomes narrow, the slide of a tendon worsens, and the pain by friction happens. This is called a "radial

styloid tendovaginitis." roughly dividing into a mechanical stress -- ** -- ** which does the same work for a long period of time -- there is two doing suddenly unfamiliar work. The patient of tenovaginitis often sees to an occupation keypuncher, a pianist, etc. often using the housewife and finger which overwork a hand by domestic labor. As the portion over which it mourns in the cure for tenovaginitis is not used, a rest is maintained, and the thermotherapy which massages the affected part slowly in hot water at the time of bathing also helps recovery. Even if it takes or applies an antiphlogistic sedative drug, when a pain cannot be taken, microinjection of the adrenocorticosteroid hormone for pressing down ***** is carried out very much into a tendon sheath, and although the procedure of avoiding movement of a finger for a while is taken, if a finger is not moved to the top where a medical harm is intense, natural healing energy will become weaker. When condition progresses, an operation must be undergone by orthopedics. In the conventional cure for tenovaginitis, a rest is the first and it is to also recover use of an antiphlogistic sedative drug completely in the trend which also protracts condition few. In a serious illness, it needs to undergo an operation, and the stage to cause an obstacle to the everyday work using a hand attains to a long period of time with a pain. Then, while this inventor studied the means of the prophylaxis of tenovaginitis, he discovered that the following thing was effective. That is, when work of muscles called the musculus extensor pollicis longus or the musculus extensor digiti minimi was helped and muscular elasticity was controlled moderately, it found out a pain and that could take ***** and the inflammation of a tendon sheath disappeared. Then, an inventor sticks an elastic tape along with the muscles of a finger for controlling muscular elasticity moderately, The elastic tape for health benefits which raises natural healing energy is provided assisting an operation of extensor according to the operation whose tape itself shrinks, and preventing tenovaginitis, and continuing everyday life. [0005]Next, if it is in traumatic *****, such as a wound, for example, as the "crease lengthening" tape which is a means of female facial treatment about this tape further also for the purpose of offer of a tape which the affected part presses down the operation to which such a wound side spreads although that prompt recovery is barred by extension and contraction of a skin side in many cases, and promotes healing capacity -- it is going to use -- it is a thing.

[0006]

[Means for solving problem]In order that this invention may solve above SUBJECT, the sheet shaped raw material which has the elasticity of textile fabrics or a nonwoven fabric A base material and nothing, Only fixed length elongates the base material concerned to a lengthwise direction, apply an adhesion base to both sides of the base material in the status that it elongated, and form an adhesive layer, and perform non-adhesion treatment to the surface of the adhesive layer of one side, and a non-adhesion treatment side is formed, It was constituted so that a contraction operation might be made, when a separator is given to both treated

surfaces concerned and adhesive layer sides of another side, the whole tape presents the status that only fixed length was elongated, and pasting use was carried out. Although a base material does not ask the quality of the materials, such as textile fabrics or a nonwoven fabric, it uses at least the sheet shaped raw material which has elasticity in a lengthwise direction, i.e., the length direction of a tape. Although the degree of extension of a base material may be moderate, less than 20% is suitable. Next, although it is an adhesion base, the thing which made the water soluble polymer the subject according to the use of the tape concerned, or a non-aqueous pressure-sensitive adhesive may be used not to mention the adhesive currently generally used on the tape for health benefits. And it may constitute as a tape which made dermatologic preparation, such as an anti-inflammatory agent, a sterilizing disinfectant, a bed sore treating agent, and a moisturizer, contain in an adhesion base again. Although it has just generally been going to be performed as a tape for health benefits of this kind former to make such a medicine contain, Only fixed length elongates [which have elasticity for a base material / the material and nothing], and the base material concerned, and the feature of this invention applies an adhesion base to the both sides, and forms an adhesive layer, The status that pressed down contraction with the separator, namely, it elongated is fixed, and it is just going to consider it as the feature on this invention composition to have used the contractility for the improvement in a curative effect at the time of use.

[0007]

[Working example]Although drawing 4 and drawing 5 are the Fig. 1 embodiments of an elastic tape for this invention health benefits, in an adhesion base, an adhesive layer (2) is constituted as a tape for tenovaginitis prevention and treatment in which an anti-inflammatory agent was mixed. An adhesion base which only fixed length elongated a base material (1) which has, a tape, i.e., elasticity, concerned, and mixed an anti-inflammatory agent in the both sides in the status that it elongated is applied, the adhesive layer (2) and (2) is formed, non-adhesion treatment is performed to an adhesive layer side of one side, and a non-adhesion treatment side (5) is formed in it. It fixes to the status that gave a separator (4) on this non-plane-of-composition treated surface (5), stopped contraction of a base material (1), and a base material (1) was elongated. Next, a separator (3) is also given to the surface of an adhesive layer (2) of other sides. An elastic tape for health benefits in the status that a base material (1) was elongated is constituted at the appropriate time. When using the tape concerned for prevention and treatment of tenovaginitis, as shown in drawing 6, each finger of the thumb (8) and a digitus minimus (9) whose symptoms tenovaginitis happened easiliest or are shown is accompanied, it exfoliates, a separator (3) is stuck on the wrist glove side, and, subsequently a separator (4) of an opposite side is exfoliated. Under the present circumstances, since a non-adhesion treatment side (5) is formed, exfoliation of a separator (4) is easy. At the appropriate time, it acts so that the whole base material (1) (13), i.e., this tape, may contract in the

direction of an arrow (A). Therefore, since a grip of a hand and movement of a difference will be assisted conjointly automatically [the elasticity of a base material (1)] if a tape of this invention is stuck, and it will be trained, of course, prevention of tenovaginitis takes effect also for the treatment. In the case of this example, when considering it as a tape for mere prevention, a thing of an adhesive layer (2) which does not mix an anti-inflammatory agent may be used.

[0008]

[Working example]Although drawing 7 thru/or drawing 10 are the 2nd embodiment and this invention tape for wound treatments and its operation are shown, Form the adhesive layer (2) and (2) in both sides of a base material (1), and absorbent gauze with sterilized - antibacterial (6) is arranged on an adhesive layer (2) of one side, A separator (3) is given on adhesive layer (2) concerned and this absorbent gauze (6), and a separator (4) with which the surface of other adhesive layers (2) makes an operation in which non-adhesion treatment is made, a non-adhesion treatment side (5) is formed, and extension of a base material (1) is fixed especially on the surface is formed.

[0009]Although the above-mentioned embodiment is a wound treatment auxiliary elastic tape, If a separator (3) is exfoliated, absorbent gauze with a sterilized antibacterial (6) is hit to the wound affected part (7), and is stuck and a separator (4) is subsequently exfoliated when using this, Since a non-adhesion treatment side (5) is formed, a separator (4) exfoliates easily, And extension fixation of a base material (1) is canceled, and it can expect [therefore] a facilitatory effect of a wound treatment to be unable to open it, since a base material (1) acts so that it may contract, even if power which wound area contracts naturally and can extend acts, since it contracts in the direction of an arrow (A').

[0010]

[Working example]Although drawing 11 is an embodiment of this invention tape which does not mix the anti-inflammatory agent of Embodiment 1 and it is an embodiment of a use, If a tape is stuck as "creases", such as an outer canthus, is inserted, and a separator (4) is exfoliated, since a tape is contracted in the lengthwise direction, i.e., the direction, of an arrow (A''), a "crease" will be extended and will take effect also as an object for facial treatment. If a moisturizer etc. are mixed in an adhesion base in this case, much more effect is expectable.

[0011]

[Effect of the Invention]As explained above, [the elastic tape for health benefits concerning this invention] [which held with the separator the status that applied the adhesive which used the elastic material for the base material, elongated this base material to fixed length, and mixed medicinal properties in those both sides at the adhesion base or the base concerned, formed the adhesive layer, and the base material was elongated / the composition and nothing], Since it exfoliated and contraction of a base material of a separator was enabled

when it stuck on a human body skin side, In the number of grades which a base material carries out the operation contracted to the length of a basis, and is useful for assistance and training of muscular expansion and contraction by the elasticity of base material itself, takes effect for prevention and treatment of tenovaginitis, and contracts wound area and takes effect to promotion of recovery, there are many uses, and it is the thing which takes effect again.

[Translation done.]